

**In the Specification:**

Please amend the specification as shown:

Please delete the paragraph on page 156, lines 7-20, and replace it with the following paragraph:

**EXAMPLE 47.**

**GSK3-B/Aurora Kinase Inhibitory Activity Assay**

AuroraA (Upstate Discovery) or GSK3- $\beta$  (Upstate Discovery) are diluted to 10nM and 7.5nM respectively in 25mM MOPS, pH 7.00, 25mg/ml BSA, 0.0025% Brij-35, 1.25% glycerol, 0.5mM EDTA, 25mM MgCl<sub>2</sub>, 0.025%  $\beta$ -mercaptoethanol, 37.5mM ATP and 10  $\mu$ l mixed with 10  $\mu$ l of substrate mix. The substrate mix for Aurora is 500 $\mu$ M Kemptide peptide (LRRASLG (SEQ ID NO: 1), Upstate Discovery) in 1ml of water with 35  $\mu$ Ci  $\gamma$ <sup>33</sup>P-ATP. The substrate mix for GSK3- $\beta$  is 12.5  $\mu$ M phospho-glycogen synthase peptide-2 (Upstate Discovery) in 1ml of water with 35  $\mu$ Ci  $\gamma$ <sup>33</sup>P-ATP. Enzyme and substrate are added to 96 well plates along with 5  $\mu$ l of various dilutions of the test compound in DMSO (up to 2.5%). The reaction is allowed to proceed for 30 minutes (Aurora) or 3 hours (GSK3- $\beta$ ) before being stopped with an excess of ortho-phosphoric acid (5  $\mu$ l at 2%). The filtration procedure is as for Activated CDK2/CyclinA assay above.

Please delete the paragraph bridging pages 158-159, and replace it with the following paragraph:

**EXAMPLE 50**

**Measurement of inhibitory activity against Glycogen Synthase Kinase-3 (GSK-3)**

GSK3 $\beta$  (human) is diluted to a 10x working stock in 50mM Tris pH 7.5, 0.1mM EGTA, 0.1mM sodium vanadate, 0.1%  $\beta$ -mercaptoethanol, 1mg/ml BSA. One unit equals the incorporation of 1nmol of phosphate per minute phospho-glycogen synthase peptide 2 per minute.

In a final reaction volume of 25 $\mu$ l, GSK3 $\beta$  (5-10 mU) is incubated with 8mM MOPS 7.0, 0.2mM EDTA, 20 $\mu$ M YRRAAVPPSPSLSRHSSPHQS(p)EDEEE (phospho GS2 peptide)

SEQ ID NO: 2), 10mM MgAcetate and [ $\gamma$ -<sup>33</sup>P-ATP] (specific activity approx 500cpm/pmol, concentration as required). The reaction is initiated by the addition of Mg<sup>2+</sup>[ $\gamma$ -<sup>33</sup>P-ATP]. After incubation for 40 minutes at room temperature the reaction is stopped by the addition of 5 $\mu$ l of a 3% phosphoric acid solution. 10 $\mu$ l of the reaction is spotted onto a P30 filter mat and washed 3 times for 5 minutes in 50mM phosphoric acid and once in methanol prior to drying and counting.